

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100621\
 Data File : VD070602.D
 Acq On : 06 Oct 2021 19:20
 Operator : VA/SY
 Sample : M4072-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-207

Quant Time: Oct 07 07:02:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

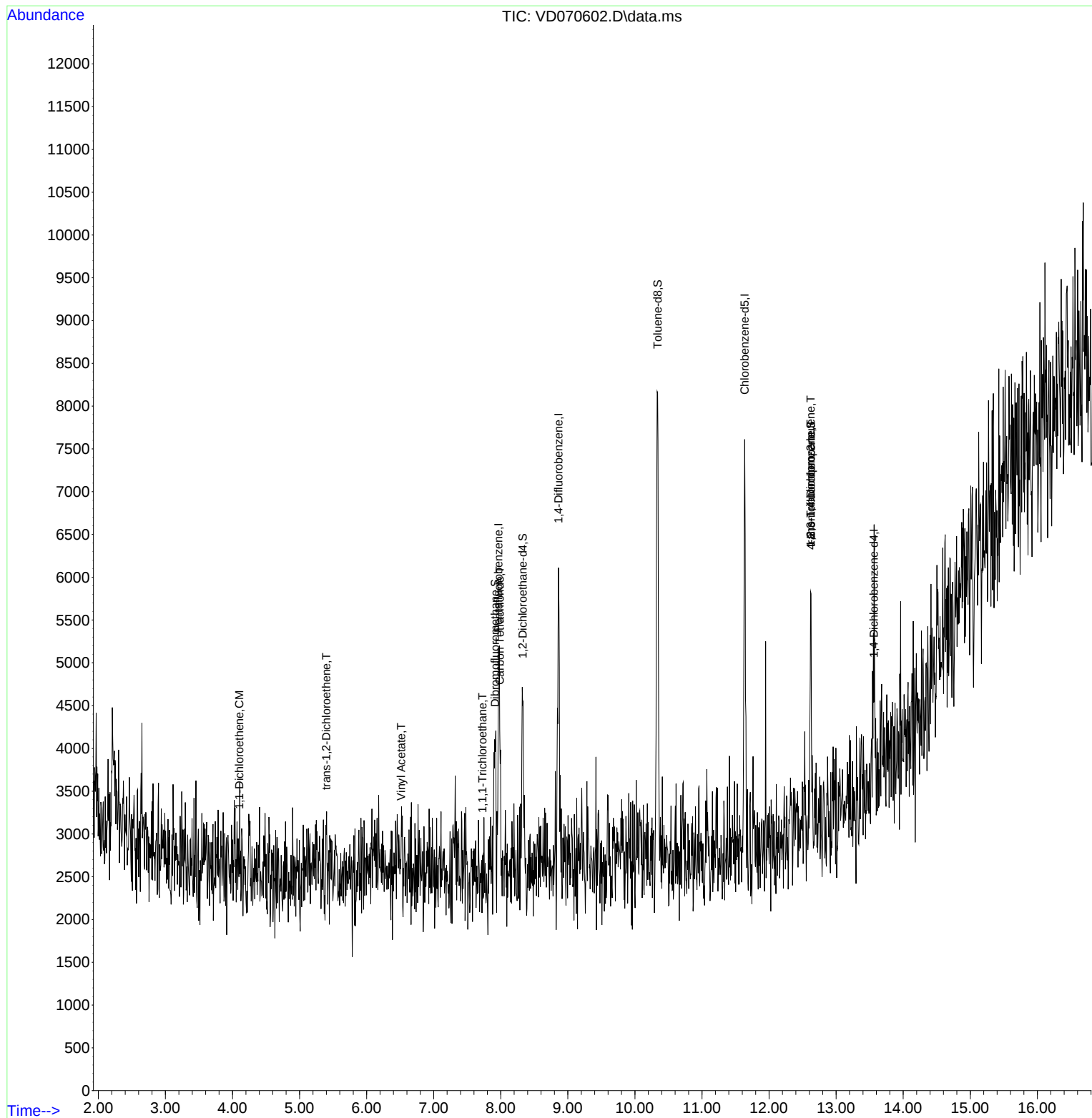
Internal Standards						
1) Pentafluorobenzene	7.967	168	2357	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	4079	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	3005	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	664	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	1826	65.829	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.660%	
35) Dibromofluoromethane	7.914	113	1467	54.094	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.180%	
50) Toluene-d8	10.338	98	4813	46.424	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 92.840%	
62) 4-Bromofluorobenzene	12.626	95	1062	30.649	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 61.300%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.103	96	81	2.929	ug/l #	1
20) Methylene Chloride	4.967	84	173	Below Cal	#	9
21) trans-1,2-Dichloroethene	5.397	96	56	1.721	ug/l #	1
23) Vinyl Acetate	6.514	43	124	3.448	ug/l #	69
32) 1,1,1-Trichloroethane	7.726	97	61	1.169	ug/l #	25
38) Carbon Tetrachloride	7.985	117	61	1.345	ug/l #	12
76) 1,2,3-Trichloropropane	12.620	75	624	103.828	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	624	230.517	ug/l #	17

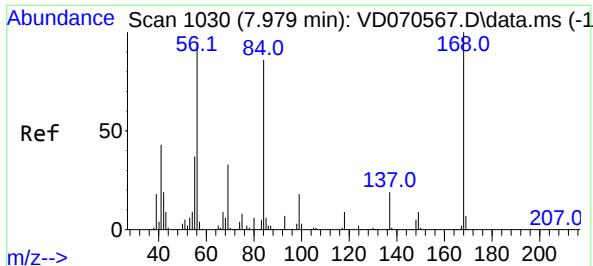
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
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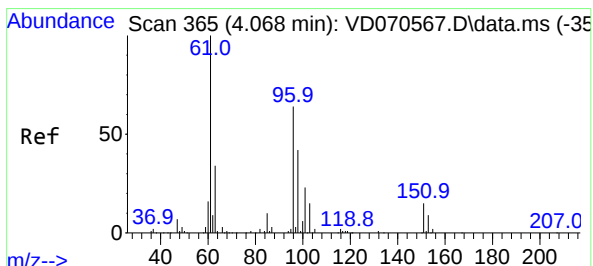
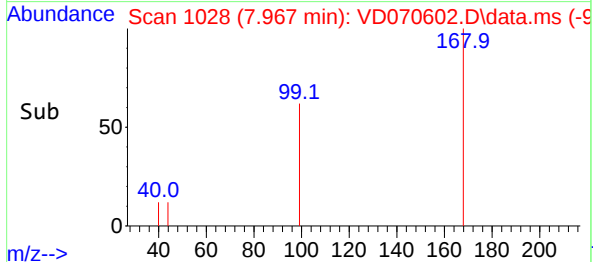
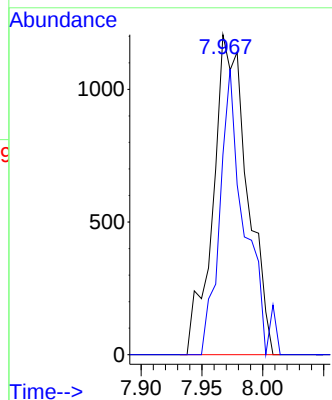
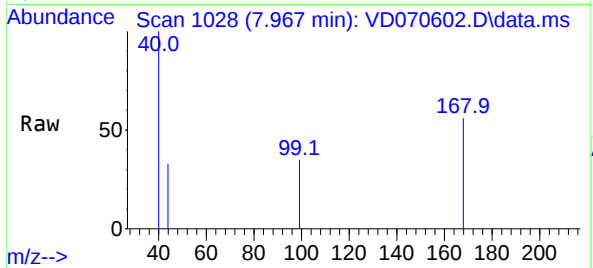




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD070602.D
Acq: 06 Oct 2021 19:20

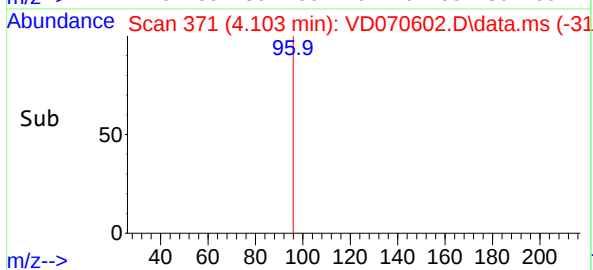
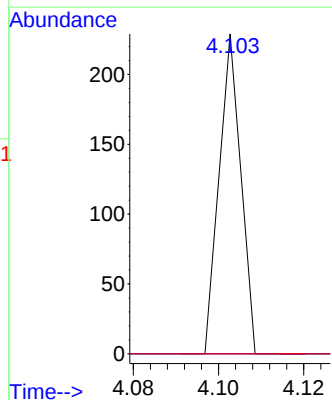
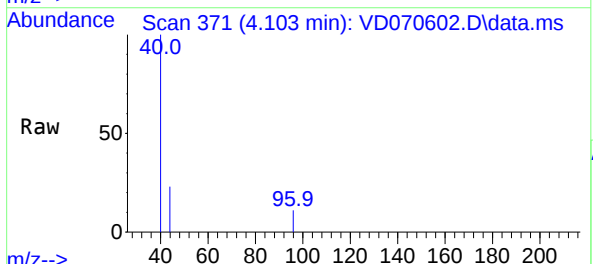
Instrument :
MSVOA_D
ClientSampled :
VNJ-207

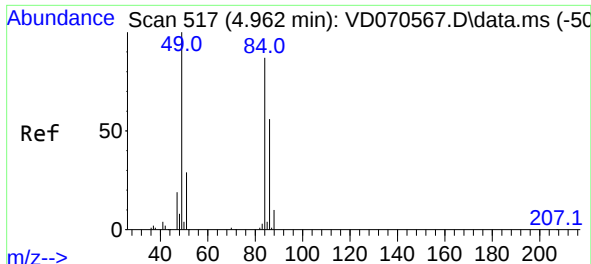
Tgt Ion:168 Resp: 2357
Ion Ratio Lower Upper
168 100
99 62.4 51.4 77.0



#12
1,1-Dichloroethene
Concen: 2.929 ug/l
RT: 4.103 min Scan# 371
Delta R.T. 0.035 min
Lab File: VD070602.D
Acq: 06 Oct 2021 19:20

Tgt Ion: 96 Resp: 81
Ion Ratio Lower Upper
96 100
61 0.0 125.9 188.9#
98 0.0 52.3 78.5#



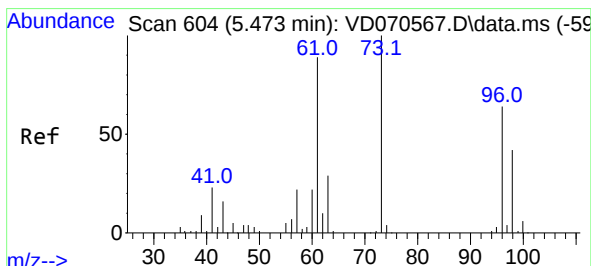
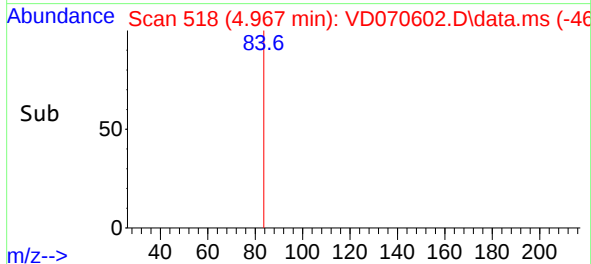
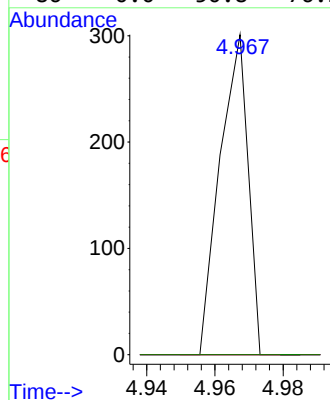
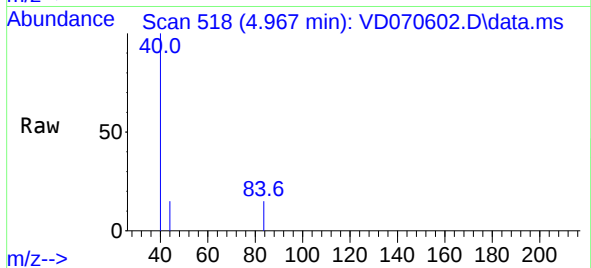


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD070602.D
Acq: 06 Oct 2021 19:20

Instrument :
MSVOA_D
ClientSampleId :
VNJ-207

Tgt Ion: 84 Resp: 173

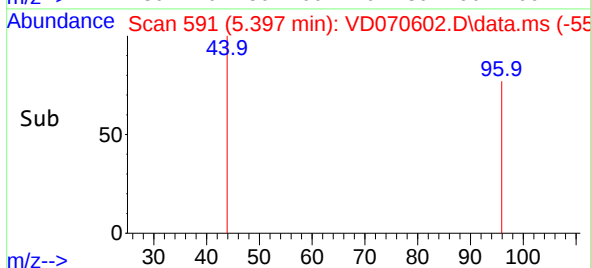
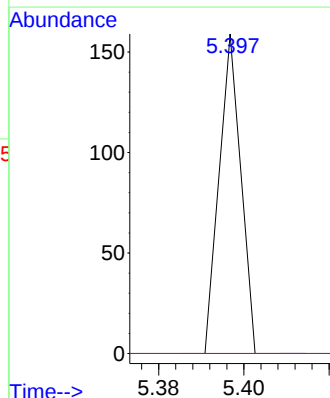
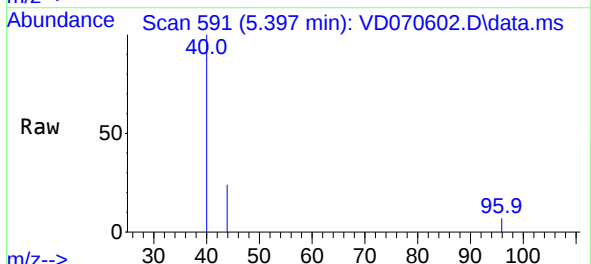
Ion	Ratio	Lower	Upper
84	100		
49	0.0	91.4	137.2#
51	0.0	26.7	40.1#
86	0.0	50.8	76.2#

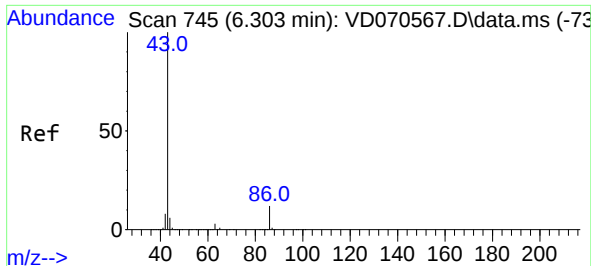


#21
trans-1,2-Dichloroethene
Concen: 1.721 ug/l
RT: 5.397 min Scan# 591
Delta R.T. -0.077 min
Lab File: VD070602.D
Acq: 06 Oct 2021 19:20

Tgt Ion: 96 Resp: 56

Ion	Ratio	Lower	Upper
96	100		
61	0.0	111.1	166.7#
98	0.0	51.9	77.9#

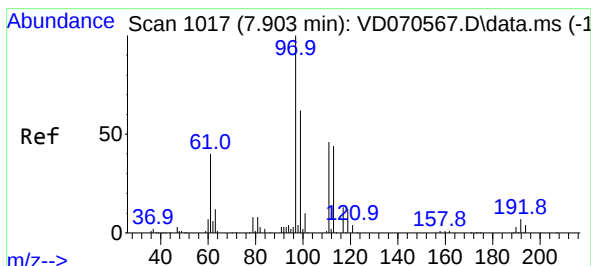
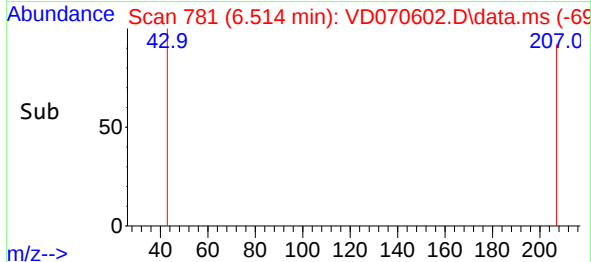
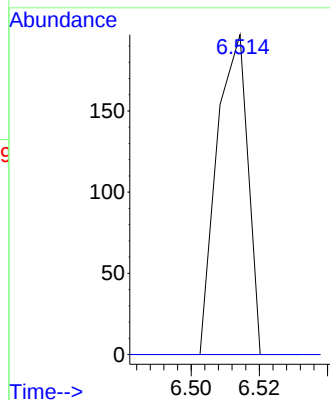
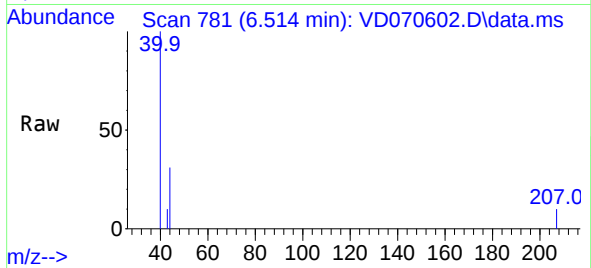




#23
 Vinyl Acetate
 Concen: 3.448 ug/l
 RT: 6.514 min Scan# 781
 Delta R.T. 0.211 min
 Lab File: VD070602.D
 Acq: 06 Oct 2021 19:20

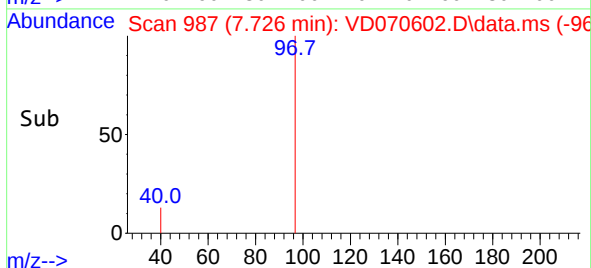
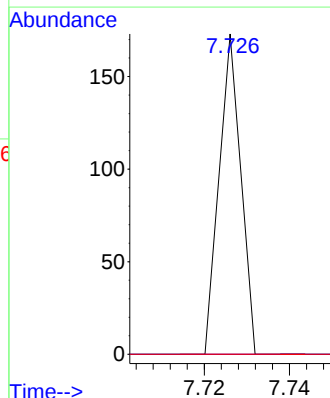
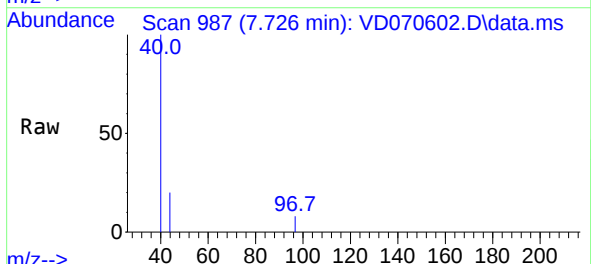
Instrument :
 MSVOA_D
 ClientSampleID :
 VNJ-207

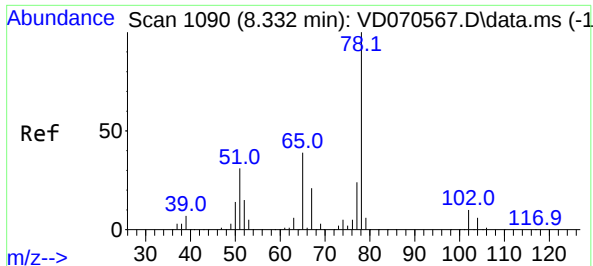
Tgt Ion: 43 Resp: 124
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.8 14.6#



#32
 1,1,1-Trichloroethane
 Concen: 1.169 ug/l
 RT: 7.726 min Scan# 987
 Delta R.T. -0.177 min
 Lab File: VD070602.D
 Acq: 06 Oct 2021 19:20

Tgt Ion: 97 Resp: 61
 Ion Ratio Lower Upper
 97 100
 99 0.0 50.7 76.1#
 61 0.0 32.5 48.7#

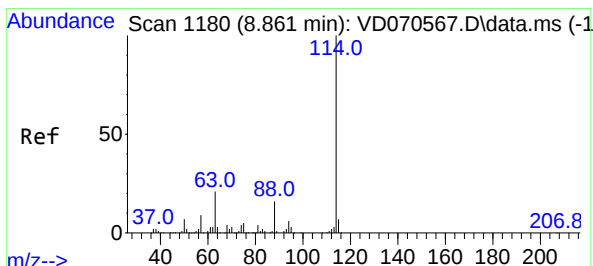
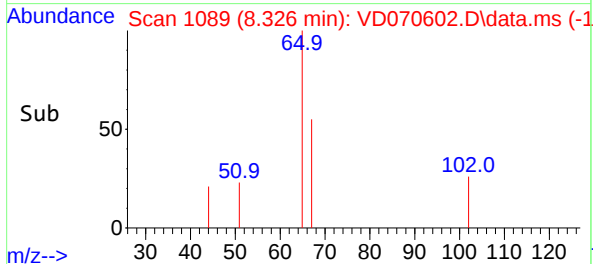
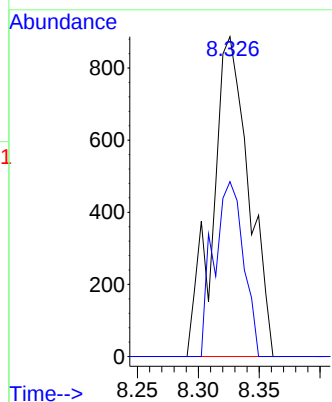
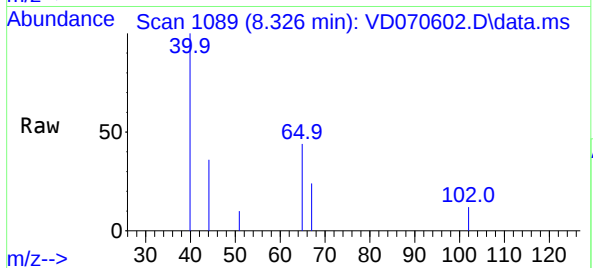




#33
1,2-Dichloroethane-d4
Concen: 65.829 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070602.D
Acq: 06 Oct 2021 19:20

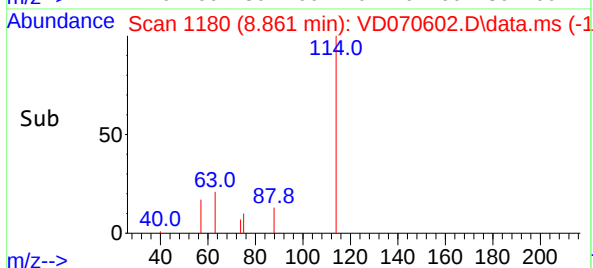
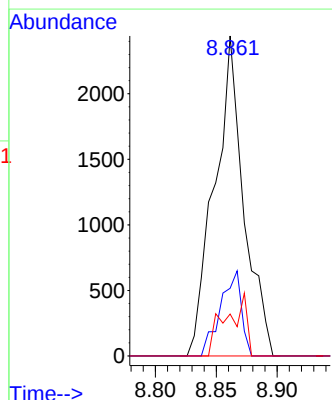
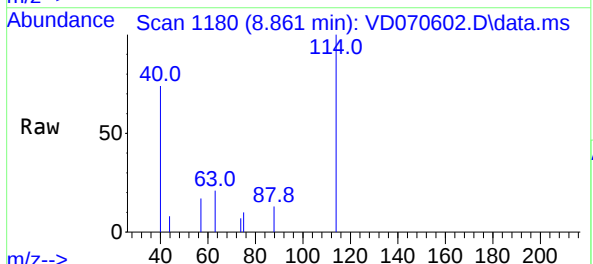
Instrument :
MSVOA_D
ClientSampleId :
VNJ-207

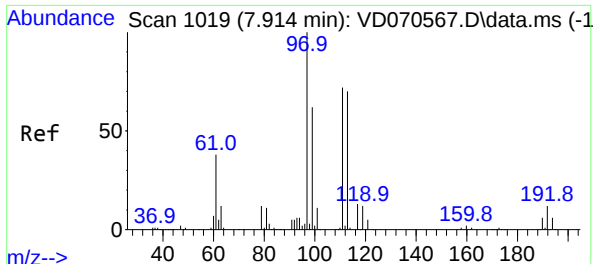
Tgt Ion: 65 Resp: 1826
Ion Ratio Lower Upper
65 100
67 44.9 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070602.D
Acq: 06 Oct 2021 19:20

Tgt Ion: 114 Resp: 4079
Ion Ratio Lower Upper
114 100
63 21.2 0.0 41.8
88 13.1 0.0 32.6

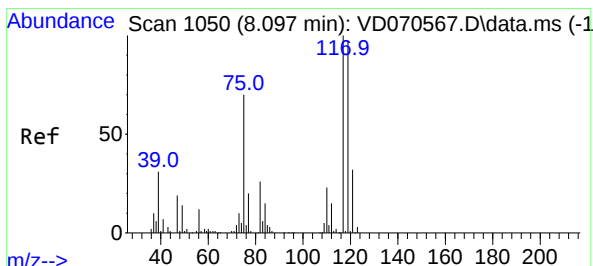
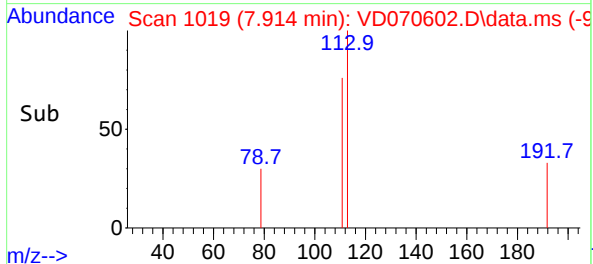
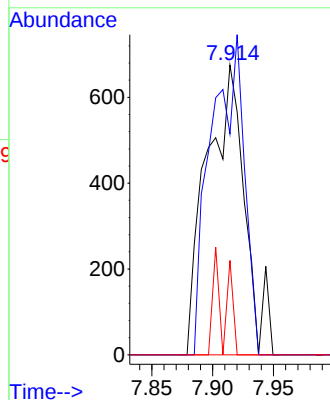
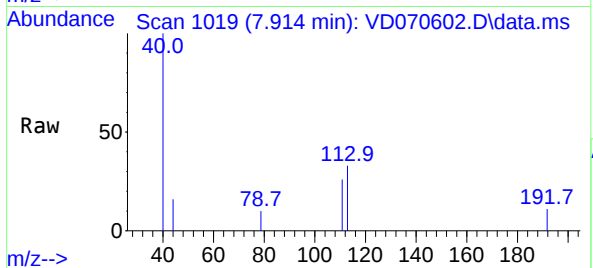




#35
Dibromofluoromethane
Concen: 54.094 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070602.D
Acq: 06 Oct 2021 19:20

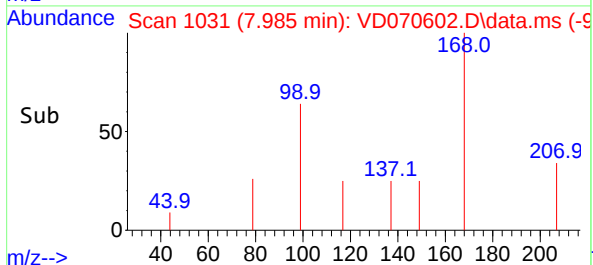
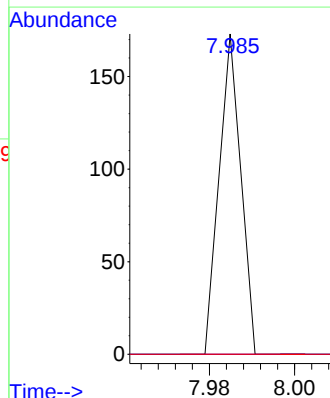
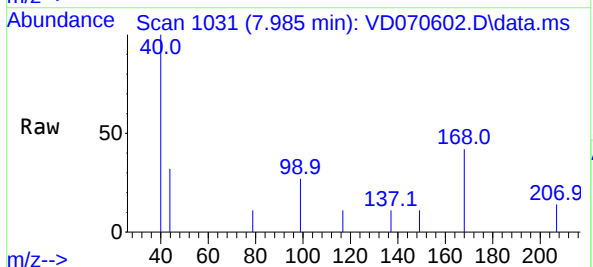
Instrument :
MSVOA_D
ClientSampleId :
VNJ-207

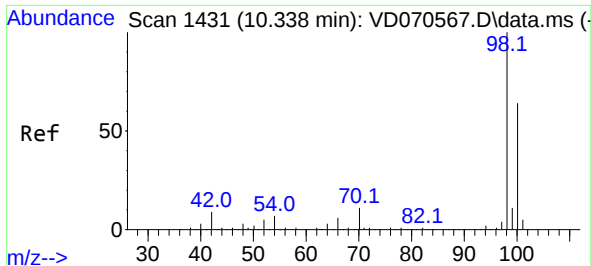
Tgt Ion:113 Resp: 1467
Ion Ratio Lower Upper
113 100
111 95.5 83.1 124.7
192 11.3 12.7 19.1#



#38
Carbon Tetrachloride
Concen: 1.345 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD070602.D
Acq: 06 Oct 2021 19:20

Tgt Ion:117 Resp: 61
Ion Ratio Lower Upper
117 100
119 0.0 77.4 116.0#
121 0.0 25.4 38.0#

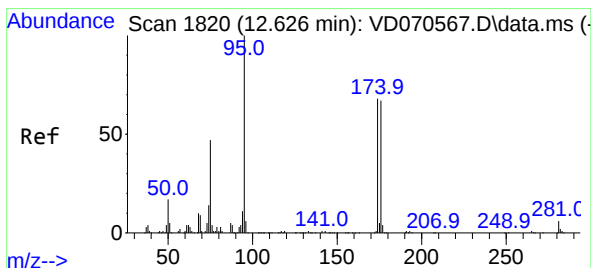
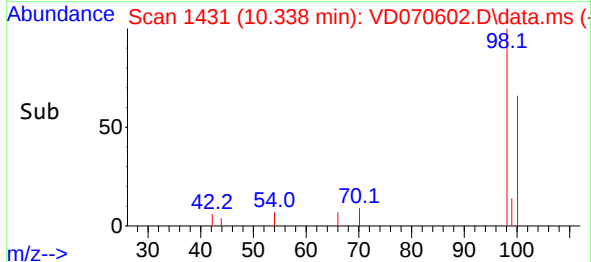
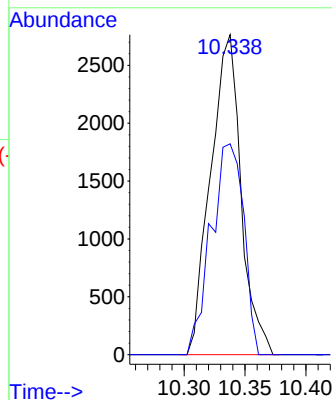
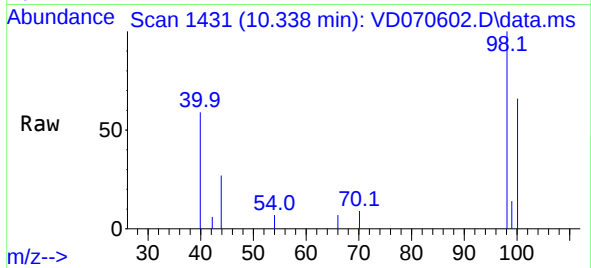




#50
Toluene-d8
Concen: 46.424 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070602.D
Acq: 06 Oct 2021 19:20

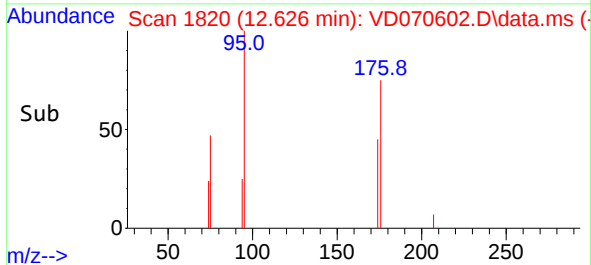
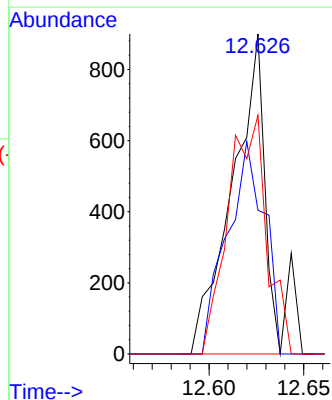
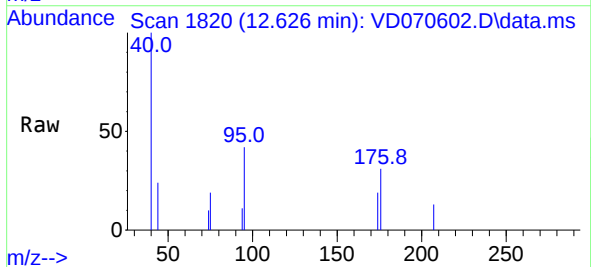
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VNJ-207

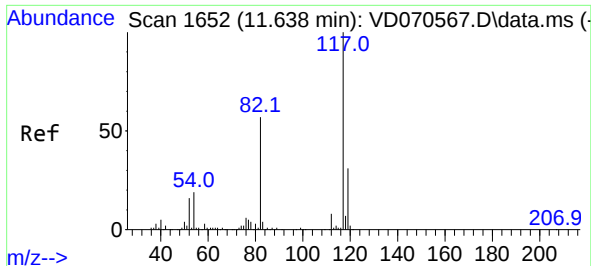
Tgt Ion: 98 Resp: 4813
Ion Ratio Lower Upper
98 100
100 70.6 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 30.649 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070602.D
Acq: 06 Oct 2021 19:20

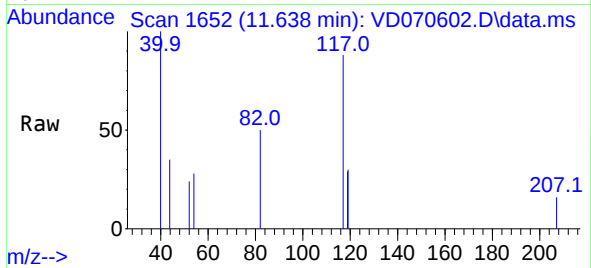
Tgt Ion: 95 Resp: 1062
Ion Ratio Lower Upper
95 100
174 77.0 0.0 138.0
176 89.4 0.0 135.6



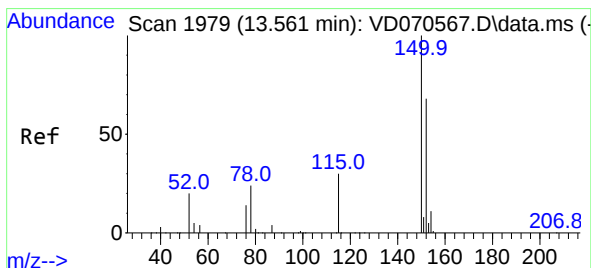
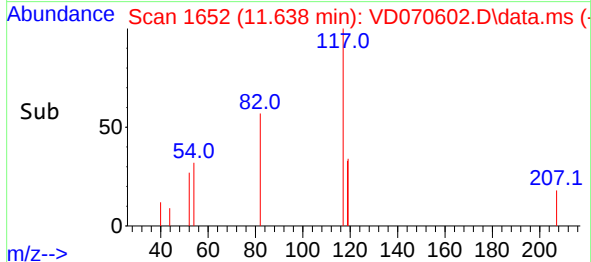
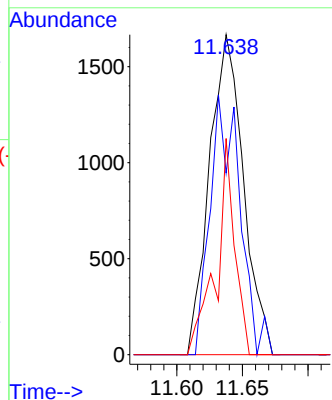


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070602.D
Acq: 06 Oct 2021 19:20

Instrument :
MSVOA_D
ClientSampleId :
VNJ-207

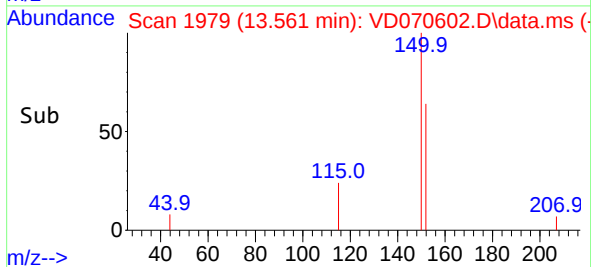
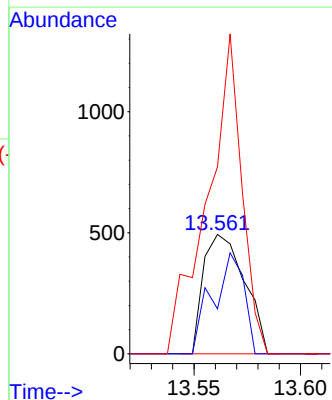
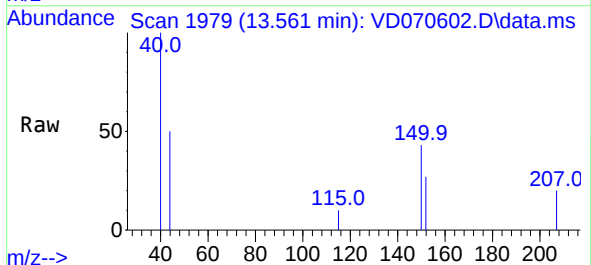


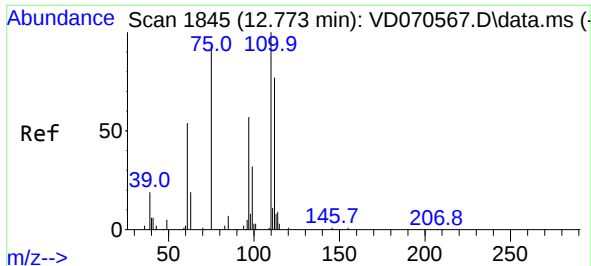
Tgt Ion:117 Resp: 3005
Ion Ratio Lower Upper
117 100
82 56.7 45.4 68.2
119 67.5 24.7 37.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070602.D
Acq: 06 Oct 2021 19:20

Tgt Ion:152 Resp: 664
Ion Ratio Lower Upper
152 100
115 63.9 31.9 95.7
150 222.4 0.0 350.0

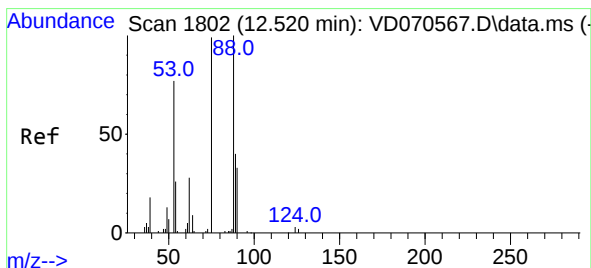
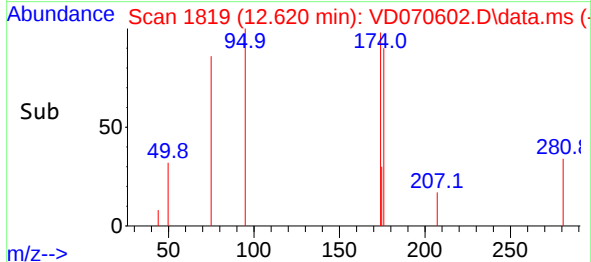
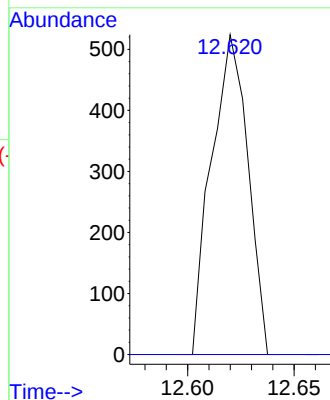
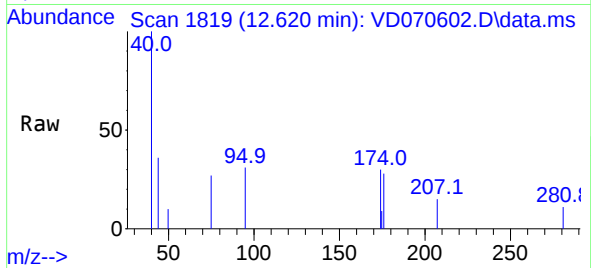




#76
1,2,3-Trichloropropane
Concen: 103.828 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070602.D
Acq: 06 Oct 2021 19:20

Instrument :
MSVOA_D
ClientSampleId :
VNJ-207

Tgt Ion: 75 Resp: 624
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 230.517 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070602.D
Acq: 06 Oct 2021 19:20

Tgt Ion: 75 Resp: 624
Ion Ratio Lower Upper
75 100
53 0.0 64.5 96.7#
89 0.0 35.3 52.9#

